296846US0PCT.ST25.txt SEQUENCE LISTING

- <110> Sugiyama, Haruo
- <120> Cancer antigen peptides derived from WT1
- <130> 296846US0PCT
- <140> 10/594,507
- <141> 2006-09-28
- <150> PCT/JP05/06113
- <151> 2005-03-30
- <150> JP 2004-105219
- <151> 2004-03-31
- <160> 15
- <170> PatentIn version 3.3
- <210>
- <211> <212> <213> 449
- **PRT**
- Homosapiens
- <400> 1
- Met Gly Ser Asp Val Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro $1 \hspace{1cm} 10 \hspace{1cm} 15$
- Ser Leu Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala 20 25 30
- Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr 35 40 45
- Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro 50 55 60
- Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly 70 75 80
- Ala Glu Pro His Glu Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe 85 90 95
- Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe 100 105 110
- Gly Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe 115 120 125
- Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile 130 135 140

Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly Thr Pro Ser Tyr 145 150 155 Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro Asn His Ser Phe 165 170 175Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser Leu Gly Glu Gln Gln 180 185 190 Tyr Ser Val Pro Pro Val Tyr Gly Cys His Thr Pro Thr Asp Ser 195 200 205 Cys Thr Gly Ser Gln Ala Leu Leu Leu Arg Thr Pro Tyr Ser Ser Asp 210 215 220 Asn Leu Tyr Gln Met Thr Ser Gln Leu Glu Cys Met Thr Trp Asn Gln 225 230 235 240 Met Asn Leu Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser 245 250 255 Ser Val Lys Trp Thr Glu Gly Gln Ser Asn His Ser Thr Gly Tyr Glu 260 265 270 Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln Tyr Arg Ile 275 280 285 His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro 290 295 300 Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser Glu Lys 305 310 315 Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg Tyr Phe Lys 325 330 335 Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly Glu Lys Pro 340 345 350 Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Ser Arg Ser Asp 355 360 365 Gln Leu Lys Arg His Gln Arg Arg His Thr Gly Val Lys Pro Phe Gln 370 380 Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr 385 400 Page 2

His Thr Arg Thr His Thr Gly Lys Thr Ser Glu Lys Pro Phe Ser Cys 405 Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His Asn Met His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala 435 440 445 Leu <210> 2 9 <211> <212> PRT <213> Artificial <220> <223> Synthetic peptide <400> 2 Asp Gln Leu Lys Arg His Gln Arg Arg 3 <210> <211> 9 <212> PRT <213> Artificial <220> <223> Synthetic peptide <400> Asp Leu Asn Ala Leu Leu Pro Ala Val 5 <210> 4 <211> 9 <212> PRT <213> Artificial <220> <223> Synthetic peptide <220> <221> MISC_FEATURE <222> (2)..(2)

<223> Xaa is Leu, Met, Val, Ile, or Gln

<220>

<221> MISC_FEATURE <222> (9)..(9)

Page 3

```
<223> Xaa is Val or Leu
<400> 4
Asp Xaa Asn Ala Leu Leu Pro Ala Xaa
<210> 5
<211> 16
<212> PRT
<213> Artificial
<220>
<223> Synthetic peptide
<400> 5
Lys Arg Tyr Phe Lys Leu Ser His Leu Gln Met His Ser Arg Lys His 10 \, 15
<210> 6
<211> 21
<212> PRT
<213> Artificial
<220>
<223> Synthetic peptide
<400> 6
Phe Asn Asn Phe Thr Val Ser Phe Trp Leu Arg Val Pro Lys Val Ser 1 10 15
Ala Ser His Leu Glu
20
<210> 7
<211> 16
<212> PRT
<213> Artificial
<220>
<223> Synthetic peptide
<400> 7
Ala Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu Leu 1 \hspace{1cm} 10 \hspace{1cm} 15
<210> 8
<211> 9
<212> PRT
<213> Artificial
<220>
<223> Synthetic peptide
<400> 8
```

Page 4

```
Val Thr Phe Asp Gly Thr Pro Ser Tyr 1
<210> 9
<211> 9
<212> PRT
<213> Artificial
<220>
<223> Synthetic peptide
<400> 9
Gln Gly Ser Leu Gly Glu Gln Gln Tyr \mathbf{5}
<210> 10
<211> 9
<212> PRT
<213> Artificial
<220>
<223> Synthetic peptide
<400> 10
Phe Ala Pro Pro Gly Ala Ser Ala Tyr 1
<210> 11
<211> 9
<212> PRT
<213> Artificial
<220>
<223> Synthetic peptide
<400> 11
Pro Ile Leu Cys Gly Ala Gln Tyr Arg
1 5
<210> 12
<211> 10
<212> PRT
<213> Artificial
<220>
<223> Synthetic peptide
<400> 12
Gly Val Phe Arg Gly Ile Gln Asp Val Arg 1 5 10
<210> 13
<211> 9
```